

Amendments to Claims:

This listing of claims replaces prior version(s).

Listing of Claims:

1. (*currently amended*) In a network comprising a server coupled to one or more clients, a method for enhancing on-line commerce comprising the steps of:

determining by a server an attribute of a client;
classifying the client in a set according to the attribute; and
initiating before a request by any client in such set a message by the server to one or more clients classified in the set,

wherein the message is initiated adaptively or dynamically according to the attributes of a plurality of clients classified in the set, the classification being contextually mapped with the initiated message by comparing attributes to classify each client in the set, the set classification being identified in a group registry, the client request comprising an online search query and auction bid, whereby a sale or transaction message may be provided to one or more clients classified in the set in response to the client request and one or more sensed client attributes in order to bill or charge the client appropriately for the search query and auction bid, wherein at least one of the classified clients comprises an interactive digital television appliance for enabling digital media play-back interactively between the appliance and the server, whereby the server may sense one or more appliance attribute from the group consisting of an appliance model number, [[a multimedia play-back capacity,]] an entertainment preference, a budget allowance, and a schedule availability.

2. (*original*) The method of Claim 1 wherein:

the attribute comprises a monitored location, time value, selection, condition, or affiliation associated with the client.

3. (*original*) The method of Claim 2 wherein:
the attribute is provided by one or more client sensor.
4. (*original*) The method of Claim 1 wherein:
the attribute is provided in a memory, and the client is classified by comparing the
attribute with another attribute stored in the memory.
5. (*previously presented*) The method of Claim 1 wherein:
the client is classified in the set according to a determined substantial similarity.
6. (*previously presented*) The method of Claim 1 further comprising the steps of:
determining by the server a second attribute of the client;
classifying the client in a second set according to the second attribute; and
initiating before a request by any client in such second set a second message by the
server to one or more clients classified in the second set.
7. (*previously presented*) The method of Claim 1 further comprising the steps of:
determining by the server a second attribute of a second client;
classifying the second client in the set according to the second attribute; and
initiating before a request by any client in such set a second message by the server to
the clients classified in the set.
8. (*original*) The method of Claim 1 wherein:

the message comprises a commercial offering, an application program, a still image, or a video stream.

9. (*currently amended*) A client for coupling to a server in a network, the client comprising:

an interface; a processor; and a sensor;

wherein the interface is accessible by a server coupled to a network, whereby the processor may provide the network access to a signal generated by the sensor; the interface being classifiable in a set according to the signal, the interface receiving a network signal according to the classified set, the network signal being initiated before a client message request adaptively or dynamically according to a plurality of generated sensor signals associated with the classified set, the classification being contextually mapped with the network signals and identified in a group registry, the client message request comprising an online search query and auction bid, whereby a sale or transaction message may be provided to one or more clients classified in the set in response to the client message request and one or more sensed client attributes in order to bill or charge the client appropriately for the search query and auction bid, wherein at least one of the classified clients comprises an interactive digital television appliance for enabling digital media play-back interactively between the appliance and the server, whereby the server may sense one or more appliance attribute from the group consisting of an appliance model number, [[a multimedia play-back capacity,]] an entertainment preference, a budget allowance, and a schedule availability.

10. (*original*) The client of Claim 9 wherein:

the generated signal represents a monitored location, time value, selection, condition, or affiliation associated with the client.

11. *(original)* The client of Claim 9 wherein:

the generated signal is stored in a database, and the interface is classified by comparing the generated signal with another generated signal stored in the database.

12. *(original)* The client of Claim 11 wherein:

the generated signal is compared with the other generated signal to determine a substantial similarity or recognizable pattern therebetween.

13. *(original)* The client of Claim 9 wherein:

the processor may provide the network access to a second signal generated by the sensor; the interface being classifiable in a second set according to the second signal, the interface receiving a second network signal according to the second set.

14. *(original)* The client of Claim 9 wherein:

the network signal comprises a commercial offering, an application program, a still image, or a video stream.

15. *(original)* The client of Claim 9 wherein:

the sensor comprises a global positioning satellite system (GPS) receiver for determining a position of the client.

16. *(original)* The client of Claim 9 wherein:

the interface further comprises a web browser application for accessing the network.

17. *(original)* The client of Claim 16 wherein:

the network access through the web browser application is secured by the sensor determining a genetic identification of a user of the web browser application.

18. *(original)* The client of Claim 9 wherein:

the interface sends a transaction signal in response to the network signal.

19. *(currently amended)* A networking method for coupling a plurality of nodes, the networking method comprising:

receiving an attribute signal from a first node;

transmitting the attribute signal to a second node for classifying the first node in a set according to the attribute signal;

receiving a message signal from the second node; and

transmitting the message signal to one or more nodes classified in the set, the message signal being initiated before a message request from the first node adaptively or dynamically according to a plurality of attribute signals associated with the classified set, the classification being contextually mapped with the attribute signals and identified in a group registry, the

message request comprising an online search query and auction bid, whereby a sale or transaction message may be provided to one or more nodes classified in the set in response to the message request and one or more sensed node attributes in order to bill or charge the first node appropriately for the search query and auction bid, wherein at least one of the classified nodes comprises an interactive digital television appliance for enabling digital media play-back interactively between a plurality of nodes, whereby one or more node attribute may be sensed from the group consisting of an appliance model number, [[a multimedia play-back capacity,]] an entertainment preference, a budget allowance, and a schedule availability.

20. (*original*) The networking method of Claim 19 wherein:

receiving a second attribute signal from a third node;

transmitting the second attribute signal to the second node for classifying the third node in the set according to the second attribute signal;

receiving a second message signal from the second node; and

transmitting the second message signal to one or more nodes classified in the set.